

ARVA, Gyorgy, dr.

Thomas Alva Edison. Ujit lap 13 no.20:2 0 '61.

ARVA, Gyorgy, Dr.

Alois Senefelder. Utit lap 13 no.21:2 N '61.

AWA, Gyorgy, Dr.

John Dollond. Ujit lap 13 no.22:2 N '61.

ARVA, Gyorgy, dr.

D. I. Mendeleev. Ujit lap 14 no.2:25 Ja '62.

(Mendeleev, Dmitriy Ivanovich)
(Periodic law)

ARVA, Gyorgy, dr.

J.F.Bottger. Ujit lap 14 no.3:2 F '62.

ARVA, Gyorgy, dr.

E.L.Malus. Ujlit lap 14 no.4:2 F '62.

ARVA, Gyorgy, dr.

G.A.Bell. Ujit lap 14 no.5:2 Mr '62.

ARVA, Gyorgy, dr.

Isaac Newton. Ujit lap 14 no.6:2. Mr '62.

ARVA, Gyorgy, dr.

Sir William Henry Perkin. Ujit lap 14 no.13:2 10 J1 '62.

ARVA, Gyorgy, dr.

Karl Wilhelm Scheele. Ujit lap 14 no.21:2 10 N '62.

ARVA, Gyorgy, dr.

Henry Bessemer. Uj:it lap 15 no.2:2 25 Ja '63.

ARVA, Gyorgy, dr.

Andreas Sigismund Marggraf; a pioneer in sugar manufacture. Ujlt lap
L, no.14:2 25 J1 '62.

ARVA, Gyorgy, dr.

Friedrich Wohler. Ujit lap 14 no.17:2 10 S '62.

ARVA, Gyorgy, dr.

Tivadar Puskas. Ujit lap 15 no.5;2 10 Mr '63.

ARVA, Gyorgy, dr.

Father of the regulation of the Tisza River. Ujit lap 12 no.5:2
10 Mr '60.

CAPKO, Gustav (Csehszlovakia); ~~ARVA, György, dr.~~ [translator]

Cosmic television? Ujit lap 12 no.12:13 25 Je '60.

ARVA, Gyorgy, dr.

The pioneer of space flight; in commemoration of K.E. TSiolkovskii
on the occasion of the 25th anniversary of his death. Ujit lap 12
no.18;2 25 S '60.

ARVA, Gyorgy, dr.

Hungarian pioneers of mining. Ujit lap 12 no.21:2 10 H '60.

ARVA, György, dr.

Marie Curie. Ujit lap 14 no.22:2 25 N '62.

ARVA, Gyorgy, dr.

Heinrich Daniel Ruhmkorff. Ujit lap 14 no.24:2 25 D '62.

ARVA, Gyorgy, dr.

Nikolai Anatol'evich Minkevich. Ujit lap 15 no.3:2 10 F '63.

ARVA, Gyorgy, dr.

Aleksandr Nikolaevich Ladygin. Ujit lap 15 no.6:2 25 Mr '63.

ARVA, Gyorgy, dr.

~~Karoly Zipernowszky.~~ Ujit lap 15 no.7:2 10 Ap '63.

ARVA, Gyorgy, dr.

Vilmos Zsolnay. Ujit lap 15 no.8:2 25 Ap '63.

ARVA, Gyorgy, dr.

Lajos Winkler. Ujit lap 15 no.9:2 10 My '63.

ARVA, Gyorgy, dr.

Antoon Hendrik Lorentz. Ujit lap 15 no.13:2 10 JI '63.

ARVA, Gyorgy, dr.

Frederic Joliot-Curie. Ujit lap 15 no.15:2 10 Ag '63.

ARVA, Gyorgy, dr.

Wilhelm Ostwald. Ujit lap 15 no.17:2 10 S '63.

ARVA, Gyorgy, dr.

Evangelista Torricelli. Ujit lap 15 no.19:2 10 0 '63.

ARVA, Gyorgy, dr.

August Piccard. Ujit lap 16 no.2:2 25 Ja '64.

ARVA, Gyorgy, dr.

Antoine Henri Becquerel. Ujit lap 15 no. 16:2 25 Ag '63.

ARVA, Gyorgy, dr.

Sergey Vasil'evich Lebedev. Ujit lap 16 no. 10: 2 25 My '64.

ARVA, Gyorgy, dr.

Emilij Khristianovich Lents. Ujit lap 16 no. 4:2 25 F '64.

ARVA, György, dr.

Bernard L.F. von Holdeholz. Mit Sep 16 12. 1952 10 5 '64.

ARVA, Gyorgy, dr.

Elias Howe. Ujit lap 16 no.18:2 S '64

ARVA, Gyorgy, dr.

Janos Andras Segner. Ujit lap 16 no.19:2 10 0 '64.

ARVA, Gyorgy, dr.

Carl Friedrich Benz. Ujit lap 16 no.22;2 25 N '64.

ARVA, Gyorgy, dr.

Joseph Brann. Ujlt lap 16 no.23:2 10 D '64.

ARVA, Gyorgy, dr.

Ludwig Eduard Boltzmann. Ujit lap 16 no.24:2 2^o D '64.

APVA, Gyorgy, dr.

Janos Csonka. Ujit lap 16 no.20:2 25 0 '64.

ARVA, Gyorgy, dr.

Anyos Istvan Jedlik. Ujit lap 17 no.1:2 10 Ja '65.

ARVA, Gyorgy, dr.

Karl Friedrich Gauss. Ujlt lap 17 no.4:2 25 F '65.

ARVA, Gyorgy, dr.

Antal Pollak. Ujit lap 17 no.5:2 16 Mr '65.

ARVA, Gyorgy, dr.

Wilhelm Konrad Rontgen. ~~Nitt~~ Jan 17 no.6: 30 Nr 165.

ARVA, 1.

"Hydration of Partially Fused Magnesium Oxide", p. 164, (LITONVAG, Vol. 6, No. 5, May 1954, Budapest, Hungary)

SC: Monthly List of East European Accessions (EFAL), 16, Vol. 4, No. 3, March 1955, Uncl.

ARVA, Istvan, okleveles gepeszmernok; GALAMBOS, Janos, okleveles
gepeszmernok

Preserving the quality of agricultural produces by using
refeigerator cars. Jarmu mezo gep 8 no.6:221-225 Je '61.

1. IKARUS Karosszeria- es Jarmugyar.

ARVAI, B.

ARVAI, B.

Problems of durability in the shoe industry. p. 102

Vol. 5, No. 5, Oct. 1955 Budapest, Hungary HORSZES GIPOTECHNIKA

SC: Monthly List of East European Accessions, (EMAL), LC, Vol. 5
No. 3, March, 1956

FEHER, Istvan, dr., Kossuth-díjas; WEITZNER, Peter; DOMBOS, Istvan; NAGY, Jozsef;
ERDI, Pal, dr.; KOVACS, Gabor; ARVAI, Bela; TOTI, Geza, dr.; DOMBOS,
Laszlo

The 1964 general meeting arranged by the Scientific Association of
the Leather Industry. Bor cipo 14 no.4:97-99 XI '64.

1. Director, Research Institute of the Leather Industry; Editor-in-
Chief, "Bor- es Cipotechnika" (for Feher). 2. Secretary General,
Scientific Association of the Leather Industry (for Weitzner). 3.
Minister of Light Industry, Budapest (for Nagy). 4. Editorial board
member, "Bor- es Cipotechnika" (for Erdi). 5. Szombathely Shoe Factory
(for Kovacs and Arvai). 6. Leather Industry Enterprise (for Toti). 7.
Tisza Shoe Factory (for Dombos).

ARVAI, Jozsef

Opening address. Energia es atom 18 no.1:2-3 Ja '65.

1. Deputy Chairman, City Council Executive Committee, Szeged.

ARVAN, Getsel' Kalmanovich

VARDIN, Grigoriy Dmitriyevich; KANEVTSOV, Valeriy Mikhaylovich, kandidat tekhnicheskikh nauk; ARVAN, Getsel' Kalmanovich; PASTUKHOV, Nikolay Semenovich, inzhener

(Device for machining body parts on vertical turning lathe. New chuck for gripping conical surfaces. Device for cutting elastic washers on lathes. Work practices with multispindle automatic lathes)

Povorotnoe prispособlenie dlia obrabotki korpusnykh detalei na karusel'nykh stankakh. Novyi patron dlia zazhima konicheskikh poverkhnostei. Prispособlenie dlia rubki pruzhiniashchikh shaib na tokarnom stanke. Opyt raboty na mnogoshpindel'nykh tokarnykh avtomatakh.

Moskva, 1956. 13 p. (Peredovoi proizvodstvenno-tekhnicheskii opyt. Ser. 10, Tokarnye raboty. No. T-56-150/4)

(MIRA 10:9)

1. Moscow. Institut Tekhniko-ekonomicheskoy informatsii (Machine tools--Attachments)

USSR/Physical Chemistry - Molecule. Chemical. Bond.

B-4

Abs Jour : Referat Zhur - Khimiya, No 6, 25 March 1957, 18211

Author : Arvan, Kh.L.

Title : Influence of Organic Admixtures Upon Aggregation of
Dyes in Aqueous Solutions.

Orig Pub : Izv. AN SSSR, ser. fiz. 1956, 20, No 4, 443-447

Abstract : In order to elucidate the influence of organic admixtures (pyridine, acetone, formamide, alcohols and others) upon the aggregation of dyes (methylene blue, rhoduline, orange NO and others), absorption spectra of solutions of dyes in mixed solvents of variable composition (water + organic solvent) were examined. When the composition of the solvent is changed, the absorption spectrum of a dye is changed. In order to compare the action of different organic solvents, the ratio of heights of maxima of long-wave and short-wave absorption bands (λ) is taken into consideration which the author takes as a criterion

Card 1/2

- 41 -

ARVAN, KH. L.

20-5-35/60

AUTHOR
TITLE

ARVAN Kh.L., IVANOVA, N.V.,
Absorption Spectra of Certain Dyes in Mixed Solvents.
(O spektrakh pogloshcheniya nekotorykh krasiteley v smeshannykh ra-
stvoritelyakh -Russian)
Doklady Akademii Nauk SSSR, 1957, Vol 114, Nr 5, pp 1043-1045 (U.S.S.R.)

PERIODICAL
ABSTRACT

It was reported earlier that in the case of some dyes in mixed sol-
vents (water-organic medium) a shift of the absorption band toward
the long waves in relation to its position in each of the pure sol-
vents was observed. It was not possible to bring this shift into co-
nnection with a change in the physical-chemical properties of the
solvent (viscosity, index of refraction, dipole moment, volume, etc.) re-
sulting from a change in its composition. Therefore, the assumption of
a mixed solvation of the dyes in such solutions was expressed. The
quantity of the relative shift of the band is determined by the com-
position of the solvent and by the properties of the dissolved dye.
The association capacity of the dye in aqueous solutions proved to
be of essential importance. At a first approach one can describe this
properly as value γ - the ratio of the maximum of the long-wave to
the maximum of the short-wave absorption band, which are ascribed to
the monomers and the dimers. The dependence of the value of this ra-
tio on the concentration of the dye determines a larger or smaller
association tendency of the dye in an aqueous solution. In this con-
nection the steepness of the curve γ shall be considered as well as
that dye concentration at which the deviation of the curve from the

Card 1/3

20-5-35/60

Absorption Spectra of Certain Dyes in Mixed Solvents.

tion band in mixtures (fig.3) does not agree with the position in pure solvents with the corresponding dielectric constants. More than that, the spectrum shift on a change in the composition of the solvent is diametrically opposed to that which is observed on the occasion of an analogous change of the dielectric constant on replacement of a solvent by another. A special investigation disclosed that the relative shift of the absorption band is independent of the dye concentration. i.e. of its dispersion. (3 fig., 2 Slavic references).

ASSOCIATION
PRESENTED BY
SUBMITTED
AVAILABLE
Card 3/3

Not Given.
TERENIN A.N., Member of the Academy
21, 12, 1956
Library of Congress.

SOV/137-59-1-2200

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 289 (USSR)

AUTHOR: Arvan, Kh. L.

TITLE: On the Determination of Zinc With Resorcin
(K voprosu ob opredelenii tsinka rezortsinom)

PERIODICAL: Tr. Komis. po analit. khimii AN SSSR, 1958, Vol 8(11), pp 198-203

ABSTRACT: The relationship between the absorption spectra of resorcin (I) under various conditions was studied. The hypothesis of a catalytic action of Zn in the oxidation of I was confirmed. Utilization of I for quantitative determination of Zn gives negative results.

K. K.

Card 1/1

USCOMM-IC-60,991

AUTHOR: Arvan, Kh. L.

SOV/20-121-1-34/55

TITLE: The Spectroscopical Investigation of the Interaction of Two Dyes in a Solution (Spektral'noye izlucheniye vzaimodeystviya dvukh krasiteley v rastvore)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 1, pp. 123 - 125 (USSR)

ABSTRACT: The author investigated aqueous solutions of a mixture of dyes of the thiazine series (thionine, methylene blue, and toluidine blue) and of the acridine series (tripaflavine, acridine yellow, Rhoduline orange, and also non-substituted acridine) by means of the spectrophotometer SF-4. A diagram illustrates the absorption spectra of a mixture of two dyes (methylene blue and acridine yellow) in an aqueous solution. The interaction of the dyes modifies the form and the absorption band of every dye and displaces it towards the side of red light. In a certain part of the spectrum the absorption is determined only by two types of absorbing centers, namely by free methylene blue and by methylene blue which is bound by acridine yellow. The activity of interaction in the class of the thiazine dyes increases in the order thionine, methylene

Card 1/3

The Spectroscopical Investigation of the Interaction
of Two Dyes in a Solution

SOV/20-121-1-34/55

blue, toluidine blue; non-substituted acridine is bound the least by acridine dyes, while acridine yellow and Rhoduline orange are more active in this respect. According to these data the independent aggregation increases in the case of the acridines in the order acridine, tripaflavine, acridine yellow, Rhoduline orange, in the case of the thiazines in the order thionine, methylene blue, toluidine blue. The activity of the combination of both dyes with each other is the higher the more each of the two dyes tends to a homogeneous dimerization. Only Rhoduline orange is an exception. The properties of the complexes are analogous to those of the common dimers: The dimers and the various complexes, too, mainly form in aqueous solutions. Both decompose at increased temperature. The occurrence of the complexes and of the homogeneous aggregates in a certain way stabilizes the absorption of the diluted solutions. The energy of the complex formation is ~ 9 kcal/mol in the case of the combination of methylene blue with acridine yellow. The author expresses his gratitude to M.V.Savrost'yanov, Professor, for his interest in the present work. There are 2 figures, 1 table, and 4 references, 2 of which are Soviet.

Card 2/3

The Spectroscopical Investigation of the Interaction
of Two Dyes in a Solution

SOV/20-121-1-34/55

PRESENTED: March 12, 1958, by A.N.Terenin, Member, Academy of Sciences,
USSR

SUBMITTED: March 4, 1958

1. Dyes--Chemical reactions 2. Dyes--Spectra 3. Spectrophotometers
--Applications

Card 3/3

ARVAN, Kh.L.; ZAYTSEVA, N.Ye.

Spectral study of the effect of the solvent on the aggregation of
organic dyes. Opt. i spektr. 10 no.2:272-276 F '61. (MIRA 14:2)
(Dyes and dyeing—Spectra)

ARVAN, Kh.L.; ZAYTSEVA, N.Ye.

Spectral investigation of aggregations of dyes in low-polar
solvents. Opt.i spektr. 11 no.1:74-77 J1 '61. (MIRA 14:10)
(Rhodamines---Spectra)

ARVAN, Kh.L.; IVANOVA, N.V. (Leningrad)

Photochemical changes in dyes in amide media. Zhur.fiz.khim. 35
no.6:1215-1218 Je '61. (MIRA 14:7)

(Dyes and dyeing—Spectra) (Amides)

ARVAN, Kh. L.; GLEBOVSKIY, D.N.

Photochemical reactions in pyridine solutions of thiazine
dyes. Zhur.fiz.khim. 35 no.12:2822-2824 D :61. (MIRA 14:12)
(Thiazine) (Dyes and dyeing--Spectra) (Photochemistry)

ARVAN, Kh.L.; KORSUNOVSKIY, G.A.; LEBEDEV, S.Yu.

Photoreduction and demethylation of thiazine dyes on silica ash.
Dokl. AN SSSR 139 no.2:402-405 J1 '61.

(MIRA 14:7)

1. Predstavleno akademikom A.N. Tereninym.
(Dyes and dyeing) (Thiazine) (Photochemistry)

ARVAN, Kh.L.; TEREININ, A.N., akademik.

Photosensibilized reduction of thiazine dyes on sols and
in solutions. Dokl. AN SSSR 153 no.5:1093-1096 D '63.
(MIRA 17:1)

ACCESSION NR: AP4039626

S/0076/64/038/005/1380/1383

AUTHOR: Arvan, Kh. L.

TITLE: Anthracene-induced sensitization of photoreduction by thiazine dyes

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 5, 1964, 1380-1383

TOPIC TAGS: photoreduction, photoinduced thiazine dye reduction, photoreduction accelerator, anthracene, thiazine dye alcohol solution, absorption spectrum, methylene blue absorption spectrum, thionine absorption spectrum, radical acceptor, absorption spectrum shift

ABSTRACT: Photoinduced discoloration of thiazine dyes proceeds rather slowly in alcohol solution; this can be greatly accelerated by adding anthracene. The tests were conducted with anthracene specimens of various origin, as well as with chemically pure anthracene; results were always the same. A slight anthracene excess was introduced into a methanol or ethanol solution of the dye which was then subjected to light. The absorption spectra were determined photometrically; curves are figured for methylene blue in ethanol and thionine in ethanol or methanol, with and without anthracene

Cord 1/2

ACCESSION NR: AP4039626

addition. With the latter discoloration appeared after 10 minutes. The lower absorption value with methylene blue showed a noticeable shift of the absorption band towards the short waves only upon repeated reduction and subsequent regeneration of the dye, due to demethylation and conversion of the methylene blue into thionine. In the 2 other cases a considerable shift towards the long waves was observed during discoloration and regeneration. Anthracene is thus shown to serve purely as an accelerator of the photoreduction process. This may be due to its role as acceptor for the radicals released upon alcohol dehydration. "The author wishes to thank the acad. A.N. Terepin who directed this work." Orig. art. has: 3 figures

ASSOCIATION: None.

SUBMITTED: 10Jun63

SUB CODE:

NR REF SCV: 004

ENCL: 00

OTHER: 008

Card 2/2

ARVAN, Kh.L.

Reducing properties of the leuco forms of riboflavin and
lumichrome. Zhur. fiz. khim. 38 no.4:1057-1059 Ap '64.
(MIRA 17:6)

ARVAN, Kh.L.

Sensitization of the photoreduction of thiazine dyes
by anthracene. Zhur. fiz. khim. 38 no.5:1380-1383
My '64.

(MIRA 18:12)

1. Submitted June 10, 1963.

Arvan, M.B.

KOSTIN, M.I., inzhener; ARVAN, M.B.

The MK-1-M multi-bucket trench cutting machine. Meth.stroi.4
no.2:5-6 P 147. (MIRA 9:2)

1. Minstroydormash.
(Excavating machinery)

ARVAN, M.B., laureat Stalinskoy premii.

[Chain-bucket ditch excavators] Mnogokovshovye transheinye ekskavatory.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.i sudostroi. lit-ry,
1953. 239 p.

(MLRA 7:3)

(Excavating machinery)

PAVLOVSKIY, A.A.; ARVAN, M.B.; YEZERSKIY, N.V.

New machine for installing tile drainage. Sbor.nauch. trud. Bel.
politekh.inst. no.78:41-51 '60. (MIRA 13:11)
(Drainage--Equipment and supplies)

ARVANITAKI, YE.^{S.} GRIGOR'YEV, I.

Stubborn toil, untiring study. Vin. SSSR no. 4, 1952.

SO: MLRA. July 1952.

ARVANITAKI, Ye.S.; OLEYNICHENKO, D.I.; SOLOMONOV, Sh.M.; STARETS, R., red.;
KOZLOV, N., tekhn.red.

[Canning industry of Tajikistan; a collection of articles]
Konservnaia promyshlennost' Tadzhikistana; sbornik statei.
Stalinabad, Tadzhikgosizdat, 1957. 54 p. (MIRA 11:4)
(Tajikistan--Canning industry)

ARVANITI, V.N.

Book review. Stroi. mat. 11 no.4:38 Ap '65. (MIRA 18:6)

1. Glavnyy spetsialist Upravleniya mekhanizatsii i avtomatizatsii proizvodstva Gosudarstvennogo komiteta po promyshlennosti stroitel'nykh materialov.

ARVANITI, V.N.

Experience in and possibilities of efficient utilization of
electric power. Stroi.mat. 6 no.1:14-16 Ja '60.

(MIRA 13:5)

1. Glavnyy energetik Upravleniya keramicheskoy promyshlennosti
Glavmospromstroymaterialov.

(Building materials industry) (Electric machinery)

ARVANITI, V.N., inzh.

Automatic signaling and blocking device for autoclaves with bayonet catches. Bezop.truda v prom. 7 no.7:32-33 JI '63. (MIRA 16:9)

1. Glavnoye upravleniye promyshlennosti stroitel'nykh materialov i stroitel'nykh detaley.

(Autoclaves--Safety appliances)

ARVANITOPOL, N. ; CARAIANI, L. ; MINDRU, R.

Calculation of seepage through jetties of homogeneous soil in nonstation conditions. p. 179/
(HIDROTECHNICA. Vol. 2, no. 4. July/Aug. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 2, No. 12, Dec. 1957
Uncl.

✓
AVANTHOICI, M.

SOURCE (in caps); Given Names

6

Country: Rumania

Academic Degree: Veterinarian

Affiliation: Central Station of Artificial Inseminations (Statiunea
Centrala de Insamintari Artificiale).

Source: Bucharest, Probleme Zootehnice si Veterinare, No 7, Jul 61,
pp 24-27.

Data: "Observations on the Efficacy of Gonadotropic Serum in
Combatting Infecundity in Cows."

Co-authors:

- ✓ KIHATILESCU, C., Dr., Ministry of Agriculture (Ministerul
Agriculturii).
- ✓ DE SIDON, M., Veterinarian, "Pasteur" Institute of Serums and
Vaccines (Institutul de Seruri si Vaccinuri "Pasteur").
- ✓ CONSTANTINESCU, C., Veterinarian, "Pasteur" Institute of Serums
and Vaccines.

ARVANITOPOL, N.

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 10,
Oct 1961, pp 31-35.

Data: "Study on the Possibility of Preserving Bull Sperms."

Authors:

ARVANITOPOL, N., -Veterinarian-, - C.R.C.S.C
Tartasesti.

1,

BOJOI, P., -Chemist-, "Pasteur" Institute of Serums and Vaccines
(Institutul de Seruri si Vaccinuri "Pasteur").

TIGAIERU, N., -Veterinarian-, "Pasteur" Institute of Serums and
Vaccines.

SIMON, M. De., -Veterinarian-, "Pasteur" Institute of Serums and
Vaccines.

CONSTANTINESCU, Cornel; DE SIMON, M.; ARYANITOPOL, N.

Considerations on the value of some biological tests for determination
of serum gonadotropins. Stud. cercet. endocr. 13 no.1:81-94 '62.

(GONADOTROPINS blood) (PREGNANCY TESTS)

RUMANIA

VASILIU, Gh., Dr, MIHAILESCU, C., Dr, ARVANITOPOL, N., Veterinarian, NICA, A., Dr, VINTAN, A., Prof Dr, and POPA, Cornelia, Pharmacist, of the Central Station for Artificial Breeding (Stati Centrala de Insamintari Artificiale) of the "Pasteur" Institute of Veterinary Research and Biological Preparations (Institutul de Cercetari Veterinare si Biopreparate "Pasteur") of the Higher Council of Agriculture (Consiliul Superior al Agriculturii).

"Testing of a New Drug for the Treatment and Prevention of Sterility in Cows."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 8, Aug 63, pp 75-79.

Abstract [Authors' English summary modified]: A report on experimental studies in 1961-1962 on the use of tissular hepatic suspension for the prevention and treatment of cow sterility. Twenty to 40 milliliters of the substance were injected, either only one time or at 10-day intervals; no local or generalized adverse reactions were observed. The treatment proved most effective for chronic endometritis (88.8 percent), corpus luteus (85.7 percent), and uterine and ovarian hypoplasia and hypofunctions. Includes 1 table and 3 references, of which 1 Rumanian and 2 Russian.

BUJOREAN, G.; GRIGORE, St.; ARVAT N.

New contributions to the phytogeography of Banat and Crisana. Studii
agr Timisoara 8 no.3/4:205-221 J1-D '61.

ARVAY, A.; NAGY, J.

Experimental studies in situ on normal and denervated uterus.
Acta physiol. hung. Suppl. no.6:45-46 1954.

1. Frauenklinik and Institut fur Forensische Medizin der
Medizinischen Universitat, Debrecen.

(UTERUS, physiol.

of normal & denervated uterus, in dog)

ARVAY, Attila; KUBIK, Istvan; SZUCS, Otto

Effect of experimental stenosis on formation of aortic valves.
Kiserletes orvostud. 6 no.3:238-244 May 54.

1. Budapesti Orvostudományi Egyetem Torvenyszeki Orvostani intésete
és Anatómiai Intézete.

(COARCTATION OF AORTA, experimental,
form. of artific. valves in stenosed portion of aorta
in animals)

ARVAY

INCZE, Gyula; TOMASKA, Lorand; ARVAY, Attila

On the topography and mechanism of the reactions to injury of the cerebral cortex. Kiserletes orvostud. 6 no.4:381-384 July 54.

1. Budapesti Orvostudományi Egyetem Torvenyszeki Orvostani Intezete.
(BRAIN, wds. & inj.
topography & mechanism of reactions in)
(WOUNDS AND INJURIES
brain, topography & mechanism of reactions in)

ARVAY, Attila, dr.

No translation. Orv hetil 95 no.19:529-531 My '54. (REAL 3:8)

1. A Budapesti Orvostudományi Egyetem Igasságügyi Orvostani
Intézetének (igazgató: Incze Gyula dr. egyet. tanár) közleménye.
(CARDIAC ENLARGEMENT, in inf. & child
*endocardial fibroelastosis)

INCZE, Gyula,; ARVAY, Attila.

Muscle rupture in electric shock. Kiserletes orvostud 7 no.4;
444-447 July 55.

1. Budapesti Orvostudományi Egyetem Igasszagügyi Orvostani
Intezete.

(ELECTRICITY, injurious effects,
musc. rupt.)

(MUSCLES, rupture,
caused by electric shock)

ARVAY, Attila; SZUCS, Otto.

Tissue changes in the conducting system in cardiac arrest.
Kísérletes orvostud. 8 no.1:110-114 1956.

1. Budapesti Orvostudományi Egyetem Igasságügyi Orvostani
Intézete.

(CARDIAC ARREST, physiol.
conducting system, histopathol. changes (Hun))

EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2260. THE DAILY PERIODICITY OF THE SPONTANEOUS MOTILITY OF THE NORMAL AND DENERVED UTERUS. THE PHYSIOLOGY OF UTERINE FUNCTION. PART I. METHODS - Arvay A. and Nagy J. Dept. of Gynaecol. and Inst. of Forensic Med., Univ. Med. Sch., Debrecen - ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 10/2-4 (199-214) Graphs 2

After a review of the literature a method is described for observation of spontaneous motility of the uterus and its changes in the living, unanaesthetized dog. The activities of an intact and a denervated uterine horn can be compared. It was found that the intact and the denervated horn show the same characteristic diurnal rhythm of activity, although in the denervated horn this is less regular. Spontaneous contractions are more frequent in the morning than in the evening and night. Denervation causes characteristic changes in nerve structure, condition of the mucosa and function of the uterus. The uterine nerve plexus regresses a few days after operation. The mucosa atrophies in 8-14 months. The most characteristic finding was the complete irregularity of activity of the denervated uterine muscle.

Abele - Münster

ARVAY, A.
EXCERPTA MEDICA Sec.3 Vol.11/5 Endocrinology May 57

979. ARVAY A. and NAGY J. Dept. of Gynaecol. and Inst. of Forensic Med., Univ. Med. Sch., Debrecen, Hungary. *The effect of follicle hormone on the spontaneous motility of the normal and the denervated uterus. The physiology of uterine function. Part II. The effect of the hormonal environment on the function and structure of the uterus ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 10/2-4 (215-228) Graphs 5 Illus. 1
- Oestrogen treatment in non-anaesthetized dogs caused inhibition of the spontaneous activity of the uterus. The effect was transient, even during continued oestrogen treatment. Under the influence of oestrogen the susceptibility of the uterus to oxytocin was increased. Both the oestrogen effect and the increased susceptibility to oxytocin were increased when the uterus was denervated.

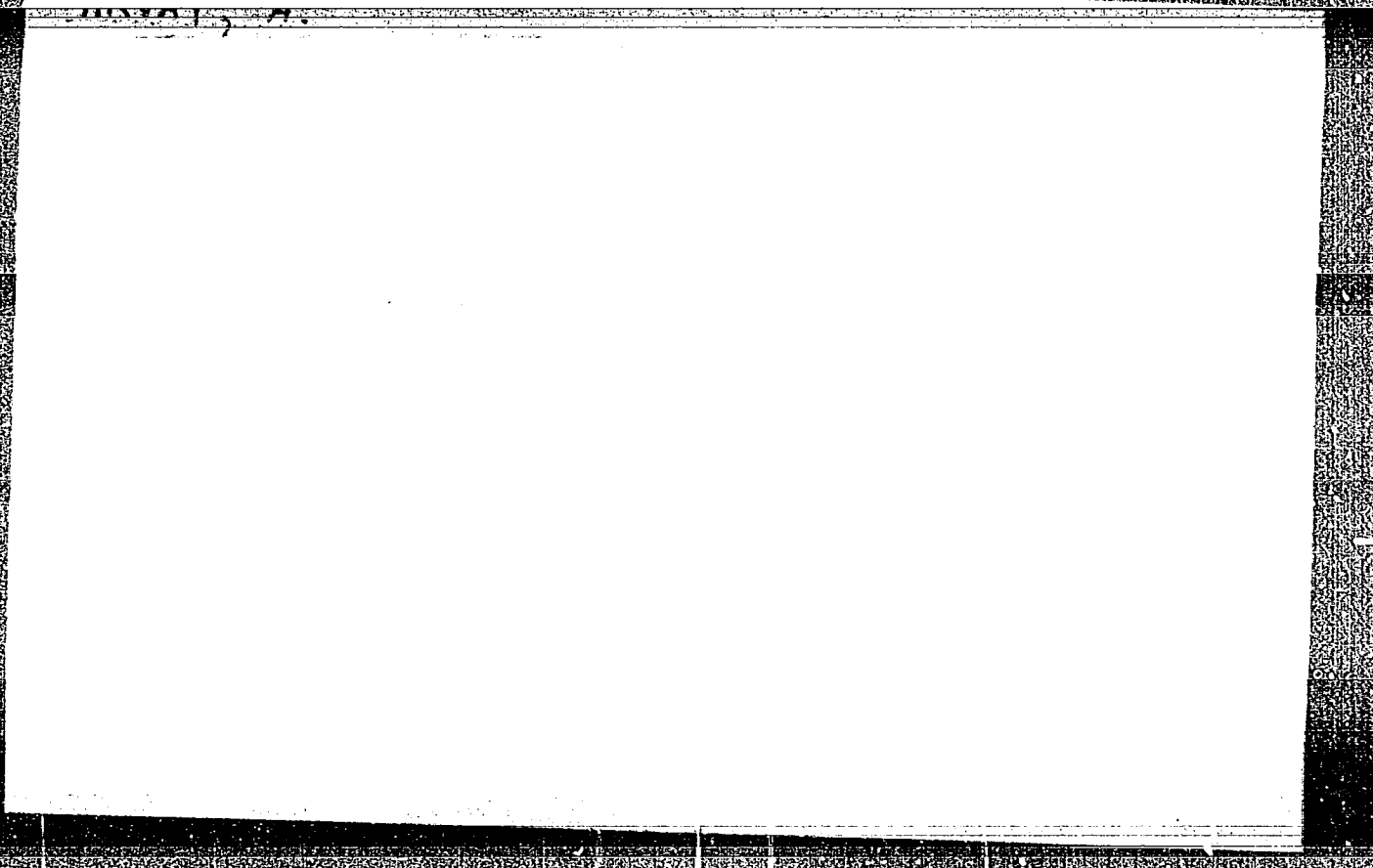
ARVAY A.

EXCERPTA MEDICA Sec.18 Vol.1/3 Cardiovascular Mar 57

810. ARVAY A. and SZÜCS O. Inst. für Gerichtl. Med., Med. Univ., Budapest.
Cor triatriatum mit Vorhofseptumdefekt *Cor triatriatum with atrial septal defect*
Z. Kreisforsch. 1956, 45/21-22 (845—850) Illus. 4
Report on a case of cor triatriatum, which was accompanied by an atrial septal defect. In its uncomplicated form, cor triatriatum corresponds to mitral stenosis, in the form complicated by an atrial septal defect, to Lutembacher's syndrome. The practical significance of the change consists in the fact that it may form the clinical picture of mitral stenosis simulating an operative indication. (XVIII, 7*)

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EXCERPTA MEDICA Sec 5 Vol. 10/9 Pathology Sept 57

2652. ARVAY A., NAGY T. and KOVÁCS-NAGY S. Univ.-Frauenklin. und Univ.-
 Inst. f. Gerichtl. Med., Debrecen. *Die Wirkung der auf die Sinnesorgane
 ausgeübten extrem starken Reize auf die Funktion und Morphologie des Ovars.
 The effect of an extremely strong stimulation of the or-
 gans of sense on the function and morphology of the ova-
 ry Z. GEBURTSH. GYNÄK. 1956, 147/3 (371-388) Graphs 1 Illus. 10

Sexually mature female rats from the same strain were submitted every day to in-
 tensive stimulation by strong light, sound and electric stimuli. These stimuli led
 to significant changes in the ovarian function and in the morphology of the functional
 elements and vegetative innervation of the ovary. As regards function, the periodi-
 city of the vegetative and generative activity of the ovary is arrested. After tran-
 sitory shortening of the cycle the animals developed a stage of permanent dioestrus.
 However, this is not characterized by a loss of functional activity of the ovary, the
 persisting dioestrus is rather a manifestation of the predominance of the action of
 progesterone. Apart from luteinization of the stroma, another striking morphologi-
 cal finding was the presence of severe degenerative changes in most of the follicles.
 The excessive stimulation also gave rise to significant and characteristic changes
 in the vegetative nerve fibres of the ovary. It is assumed that the high degree of
 luteinization of the stroma is produced through the cortico-hypothalamo-hypophyseal
 ovarian system. However, the degenerative changes restricted to part of the fol-
 licles manifest themselves neurally. The morphological substrate of these changes
 is the characteristic change of the vegetative innervation. (X, 3, 5)

11. V. B. M. IT.

ROBICSEK, Ferenc; TEMESVARI, Antal; R.-KADAR, Livia; ARVAY, Attila

New surgical method in the therapy of congenital cardiac defects with decreased pulmonary circulation (pulmonary circulation with evasion of the right side of the heart). *Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl.* 8 no.1-2:79-82 1957.

1. A Budapesti Orvostudományi Egyetem Sebész-továbbképző Klinikájáról.

(PULMONARY STENOSIS, exper.

surg., end-to-end anastomosis between vena cava superior & pulmonary artery in dogs (Hun))

TEMESVARI, Antal, dr.; ARVAY, Attila, dr.

Clinical and pathological problems of coarctation of the aorta.
Orv. hetil. 98 no.5-6:103-106 10 Feb 57.

1. A Budapesti Orvostudományi Egyetem Sebész Továbbképző
Klinikájának (megbízott vezető: Temesvari, Antal, dr.)
közleménye.

(COARCTATION OF AORTA

clin., pathol. & surg. problems (Hun))

ARVAY, Attila, dr.; TAKACSY, László, dr.

Spontaneous rupture of the papillary muscle. Orv. hetil. 98
no. 7-8/1957-170 24 Feb 57.

1. A Budapesti Orvostudományi Egyetem Igazságügyi Orvostani
Intézetének (megh. igazgató: Haranghy, László, dr. egyet.
tanár, akadémikus) közleménye.

(MYOCARDIAL INFARCT, compl.

spontaneous rupt. of papillary musc., pathol. &
histopathol. (Hun))

ARVAY, Attila, dr.; SZUCS, Otto, dr.

Cor triatriatum with atrial septal defect. Orv. hetil. 98
no.10-11:274-276 17 Mar 57.

1. A Budapesti Orvostudományi Egyetem Igazságügyi Orvostani
Intézetének (megb. igazgató: Haranghy, László, dr., egyet.
tanár, akadémikus) közleménye.

(CARDIOVASCULAR DEFECTS, CONGENITAL, case reports
cor triatriatum with atrial septal defect (Hun))

(CARDIAC SEPTUM, abnorm.
atrial septal defect with cor triatriatum, case
report (Hun))

TEMESVARI, Antal, Dr.; LONYAI, Tihamer, Dr.; SAROKZY, Karoly, Dr.; PALOS, Laszlo,
Dr.; ARVAY, Attila, Dr.

Experiences with mitral recommissurotomy. Orv. hetil. 98 no.35:964-967
1 Sept 57.

1. A Budapesti Orvostudományi Egyetem Sebész Továbbképző Klinikájának
(megb. vezető: Temesvári Antal dr.) közleménye.
(COMMISSUROTOMY

repeated mitral commissurotomy, indic. & technics (Hun))

~~ARVAYX ATTILA~~

TEMESVARI ANTAL, Dr.: SARKOZY KAROLY, Dr.: PALOS LASZLO, Dr.: LONYAI TIRAMER, Dr.;
~~ARVAYX ATTILA, Dr.~~

Problems of surgery in valvular aortic stenosis. Orv. hetil. 98 no.36:
988-990 Sept 57.

1. A Budapesti Orvostudományi Egyetem Sebesztovábbképző Klinikájának
(megb. vezető: Temesvari Antal dr.) közleménye.
(AORTIC VALVE, stenosis
surg. (Hun))

ARVAY, ATTILA DR.

TEMESVARI, Antal, Dr.; PALOS, Iaszlo, Dr.; SARKOZY, Karoly, Dr.; LONYA, Tihamer,
Dr.; ARVAY, Attila, Dr.

Surgery of auricular septal defects. Orv. hetil. 98 no.38:1047-1049
22 Sept 57.

1. A Budapesti Orvostudományi Egyetem Sebész Továbbképző Klinikájának
(megh. vezető: Temesvári Antal dr.) közleménye.
(CARDIAC SEPTUM, abnorm,

auric. septal defect, surg. (Hun))